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THE AMERICAN FISHERIES SOCIETY

AMERICAN FISHERIES SOCIETY

The American Fisheries Society was organized in 1870 and was incorporated in 1911 in Washington, District of Columbia. Its objectives are conservation, development, and wise utilization of recreational and commercial fisheries, promotion of all branches of fisheries science and practice, and exchange and dissemination of knowledge about fish, fisheries, and related subjects.

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COMING THIS FALL

**A List of
Common and Scientific Names of Fishes
from the
United States and Canada**

**Fourth Edition, 1980
American Fisheries Society Special Publication 12**

Revised every ten years, this *List* is the standard reference for technical and vernacular names of fishes in continental North America above Mexico. It covers all freshwater species and those marine fishes known to occur within the 200-meter isobath.

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The following symbols and abbreviations are used in the *Transactions* without definition. Any others must be defined in the text at first mention, in the captions or footnotes of tables, or in figures or figure captions. Use spelled-out words to start sentences.

Measurement Prefixes

giga	(10 ⁹)
mega	(10 ⁶)
kilo	(10 ³)
deci	(10 ⁻¹)
centi	(10 ⁻²)
milli	(10 ⁻³)
micro	(10 ⁻⁶)
nano	(10 ⁻⁹)
pico	(10 ⁻¹²)

Weights and Measures

calorie
degrees Celsius
gram
liter (only with prefix)
meter
tonne (10 ³ kg)

Specify the base for each logarithm: log₁₀X; log_eY. Commonplace statistical tests (Student's *t*, *F*, chi-square, et cetera) require no formal definition or reference.

Chemistry

m	all atomic symbols of the Periodic Table	
μ	dextro	D
n	hydrogen ion activity (negative log of)	pH
p	levo	L
	molar	M
	normal	N
cal	ortho	o
C	para	p
g	per mille (per thousand)	‰
l		
m	For parts per million, use mg/liter, mg/kg, et cetera.	
t		

Restricted Use (As Indicated)

Spell out liter (except when used with a prefix), hectare, and all units of time (year, hour, minute, second). Although weights usually are measured and reported in mass units, it is understood that such values represent the weights of equivalent standard masses at the measurement locality.

Mathematics and Statistics

all standard mathematical signs, symbols, and abbreviations	
base of natural logarithms	<i>e</i>
coefficient of linear correlation	<i>r</i>
degree (angular)	°
degrees of freedom	df
exponential	exp
infinity	∞
logarithm	log
minute (angular)	'
not significant	NS
percent	%
probability	<i>P</i>
sample size	<i>N</i>
second (angular)	"
standard deviation	SD
standard error	SE

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